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11. (Amended) A purified polynucleotide [or fragment thereof derived from a PS116 gene], wherein said polynucleotide [is capable of selectively hybridizing to the nucleic acid of said PS116 gene and] has at least [50%] 70% identity with a sequence selected from the group consisting of SEQUENCE ID NOS 1-12[, and fragments or complements thereof].

B2

14. (Amended) The purified polynucleotide of claim 11, wherein said polynucleotide comprises a sequence encoding at least one [PS116] epitope.

B2

15. (Amended) A recombinant expression system comprising a nucleic acid sequence that includes an open reading frame [derived from PS116] operably linked to a control sequence compatible with a desired host, wherein said nucleic acid sequence has at least [50%] 70% identity with a sequence selected from the group consisting of SEQUENCE ID NOS 1-12[, and fragments or complements thereof].

B3

25. (Amended) A method for producing a polypeptide comprising at least one [PS116] epitope, said method comprising incubating host cells that have been transfected with an expression vector containing a polynucleotide sequence encoding a polypeptide, wherein said polypeptide comprises an amino acid sequence having at least [50%] 70% identity with an amino acid sequence selected from the group consisting of SEQUENCE ID NO 25, SEUENCE ID NO 26, SEQUENCE ID NO 27, SEQUENCE ID NO 28, SEUQUENCE ID NO 29[, and fragments thereof].

B4

30. (Amended) A cell transfected with a nucleic acid sequence encoding at least one [PS116] epitope, wherein said nucleic acid sequence is selected from the group consisting of SEQUENCE ID NOS 1-12[, and fragments or complements thereof].

B5

33. (Amended) A composition of matter comprising a [PS116] polynucleotide or fragment thereof, wherein said polynucleotide has at least [50%] 70% identity with a polynucleotide selected from the grop consisting of SEQUENCE ID NOS 1-12[, and fragments or complements thereof].